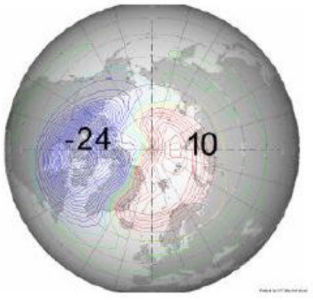
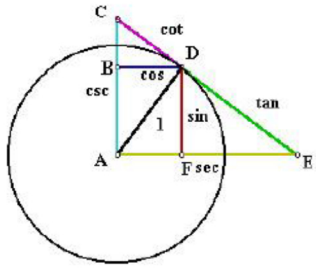
Chapter 2 – Trigonometry





Section	Topic	Suggestion Assignment
2.1	The Tangent Ratio	p. 75 #3–6,8,10,11,13–16, 19,20
2.2	Using the Tangent Ratio to Calculate Lengths	p. 82 #3 – 5(a, c, e), 7 – 9, 11, 13
2.3	Measuring an Inaccessible Height	p. 88 #1–5
2.4	The Sine & Cosine Ratios	p. 95 #4, 7 – 10 (a, c, e), 12, 14, 15, 18
2.5	Using the Sine & Cosine Ratios to Calculate Lengths	p. 101 #4–11
2.6	Applying the Trigonometric Ratios	p. 111 #4–12
2.7	Solving Problems Involving More than One Right Triangle	Page 118 Q#4–6, 8, 10, 12, 14
	Unit Review Practice Test	p. 124 #1–23 p. 127 #1–6
	Chapter 2 Test	

Big Ideas

In a right triangle

- The ratio of any two sides remains constant even if the triangle is enlarged or reduced.
- You can use the ratio of the lengths of two sides to determine the measure of one of the acute angles.